United States Environmental Protection Agency
Region V
POLLUTION REPORT

PRP

Date: Friday, April 06, 2007
From: Jeffrey Kimble, OSC

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Subject: New Haven Foundry
New Haven, MI
Latitude: 42.73
Longitude: -82.8097

POLREP No.:	3	**Site #:**	B57G
Reporting Period:		**D.O. #:**	
Start Date:	2/14/2005	**Response Authority:**	CERCLA
Mob Date:		**Response Type:**	Time-Critical
Completion Date:	2/26/2007	**NPL Status:**	Non NPL
CERCLIS ID #:		**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

Site Description

This site cleanup was conducted as a PRP cleanup.

The site, which is approximately 40 acres in size, is located at 58391 Main Street in New Haven, Macomb County, Michigan (the site). The site is bordered on the east by light industrial production facilities and railroad tracks; on the west by a residential area; on the south by several capped soil mounds, and to the north by Main Street and a United States Postal Service office. The site is seperated into four areas, which are respectively known as Parcel-A, Parcel-B, Parcel-C, and Parcel-D.

Parcel A, which is located along the eastern border of the site, contains two ponds and an area of standing surface water.

Parcel-B, which is located along the northern border of the site, contained an office building, a stock room, an electric shop, and a cleaning area.

Parcel-C, which is located in the north-central area of the site, contained the core room, a foundry area, a lab, and a building material storage area.

Parcel-D, which is located in the south-central area of the site, contains a sedimentation pond and two capped landfills.

At present, only two buildings exist on site, and are located at the southwest corner of Parcel-C.

Current Activities

Following the abatement of the asbestos in the office building located in Parcel-B, in January 2006, STE (formerly known as Richter's Contracting, Inc.) demolished the office building; replaced the northern gates to the site with 6-foot steel fences; and repaired the wind-damaged portions of the boundary fence surrounding the site.

From February 2 to 8, 2006, Richter's Contracting transported approximately 360 cubic yards of demolition debris to the Pine Tree Acres Landfill, which is located in Lenox Township, MI.

On February 22 and 23, 2006, the PRP contractor known as Innovative and Quality Solutions, Inc. (IQS), conducted a limited subsurface investigation of Parcels A, B, and C, and a groundwater investigation of Parcel-D.

From this investigation, IQS collected a total of nine soil samples from Parcel-A, nine soil samples from Parcel-B, six soil samples from Parcel-C, and six groundwater samples from Parcel-D. The IQS-procured lab analyzed each of the soil samples for VOCs, S-VOCs, and MI-10 heavy metals, while it analyzed the groundwater samples for VOCs and MI-10 heavy metals.

The Parcel-A samples did not show VOCs above the target method detection limits (TMDL); were below the most restrictive cleanup criteria for S-VOCs; and did not exhibit any metal concentrations above the most restrictive cleanup criteria, with the exception of two soil samples (SB4 and SB9). Sample SB4 exceeded the groundwater surface water interface protection criteria (GSIPC) for selenium, while Sample SB9 exceeded the GSIPC for selenium and silver.

With the exception of two soil samples (SB1 and SB5), the Parcel-B samples did not show VOCs above the TMDL. Sample SB1 showed a positive detection for VOCs above the TMDL, but was below the most restrictive cleanup criteria. Sample SB5 exceeded the drinking water protection criteria for tetrachloroethylene.

With the exception of two soil samples (SB1 and SB5), the Parcel-B samples did not show S-VOCs above the TMDL. Both Samples SB1 and SB5 showed concentrations of S-VOCs above the TMDL, but were below the most restrictive cleanup criteria.

Three samples collected from Parcel-B (SB1, SB3, and SB9) showed metal concentrations above the TMDL, but were below the most restrictive cleanup criteria. One sample (SB4) was above the GSIPC for selenium. Two samples (SB5 and SB6) were above the GSIPC for mercury, and one sample (SB7) was above the GSIPC for selenium and mercury. One other sample (SB8) was above the direct contact criteria for lead.

None of the Parcel-C samples showed VOCs above the TMDL. Two samples (SB4 and SB8) showed S-VOC levels above the TMDL, but were below the most restrictive cleanup criteria.

Three samples collected from Parcel-C (SB4, SB8, and SB10) showed metal concentrations above the TMDL, but were below the most restrictive cleanup criteria. Two samples (SB6 and SB12) showed levels above the GSIPC for selenium, while one sample (SB11) showed levels above the direct contact criteria for lead and the GSIPC for selenium.

None of the groundwater samples collected from Parcel-D showed VOC levels above the TMDL.

None of the field-filtered samples, collected from Parcel-D, showed any detection of VOCs or MI-10 metals in monitoring wells. However, two groundwater samples, which were not field-filtered (MW102 and MW104), exceeded the cleanup criteria for selenium and lead.

On October 2, 2006, PRP Contractor Heritage-Crystal Clean, LLC, re-analyzed, overpacked and transported one hazardous waste drum that partially contained phosphoric acid. At this time, they also checked the miscellaneous containers, which were identified as lab-associated chemicals, and found them to be empty.

Following the completion of all necessary demolition of site structures; the disposal of the drums and foundry sand; and other miscellaneous activites, the site was swept clean and all of the manholes were cleaned through the use of a vac-truck. Additionally, at the request of the township, an L-shaped berm was contructed in Parcel-C. This berm runs parallel to the north and east fence in this parcel.

At present, all of Parcel-C is covered with concrete and a portion of Parcel B is unpaved.

The site is still secured with two steel gates and a 6-foot fence around the perimeter of Parcel C.

Planned Removal Actions
Closure of the project, except for the continued monitoring of the two waste piles located in Parcel-D.

Next Steps
Continued monitoring of the two waste piles in Parcel-D by the PRP.

Key Issues
None.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
RST/START	$17,500.00	$11,000.00	$6,500.00	37.14%
Intramural Costs				
USEPA - Direct (Region, HQ)	$3,000.00	$1,000.00	$2,000.00	66.67%
USEPA - InDirect	$6,500.00	$2,500.00	$4,000.00	61.54%
Total Site Costs	$27,000.00	$14,500.00	$12,500.00	46.30%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an

exact monetary figure which the government may include in any claim for cost recovery.

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